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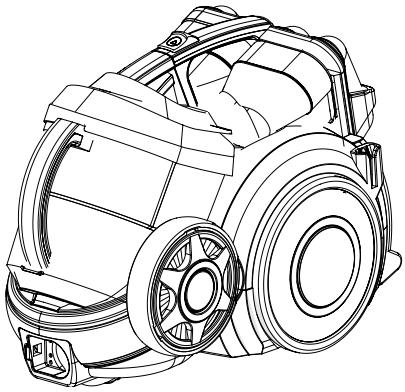
VACUUM CLEANER
SERVICE MANUAL

MODEL : VK8710HFN, V-K9001HTM, VKC902HTW
VKC902HTM, V-KC902HTM

CAUTION

BEFORE SERVICING THE UNIT, READ THE
"SAFETY PRECAUTIONS" IN THIS MANUAL.



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CONTENTS

SAFETY PRECAUTIONS.....3

CAUTIONS.....3

DESCRIPTION.....4

SPECIFICATIONS 4

DISASSEMBLY .....5~6

TROUBLE SHOOTING GUIDE.....7~9

SCHEMATIC DIAGRAM.....10

CIRCUIT DIAGRAM 11

EXPLODED VIEW.....12~15

REPLACEMENT PARTS LIST.....16~63

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SAFETY PRECAUTIONS

BEFORE OPERATING THIS VACUUM CLEANER, READ THIS SERVICE MANUAL THOROUGHLY, AND OBSERVE EACH POINT CAREFULLY.

1. Motor filter(Air Cleaner)

1) This filter is reusable.
2) Never use the vacuum cleaner without filter. It may damage the motor.
3) When the light of grip handle is on, wash the motor filter with water.
4) Even if the light is not on, wash the motor filter at least once 6 months.

NOTE : Reusing of the motor filter.

- Never wash the filter in a washing machine or in a dishwasher.
- Never use hot water for washing the filter.
- Reuse the filter after drying it completely in the shade for a day.
- Do not dry near fire or direct sunray.

2. Exhaust filter(Washable HEPA filter)

1) This filter is reusable HEPA filter.
2) For clean air, theis filter must be assembled.
3) Wash the exhaust filter with water once a year.
4) When the light of grip handle is on, wash the exhaust filter with water.

NOTE : Reusing of the exhaust filter.

- Never wash the filter in a washing machine or in a dishwasher.
- Never use hot water for washing the filter.
- Reuse the filter after drying it completely in the shade for a half day.
- Do not dry near fire or direct sunray.
- Do not brush the filter. This will cause permanently damage allowing dust to by-pass the filter.

3. Avoid suction such materials as :

1) Liquid or wet dust :
   Clogs the ventilation holes, reduces the suction power significantly and harms the motor.
2) Inflammable liquids such as benzene, alcohol or solvents.
3) Burning objects such as cigarette butts.
4) Bulky objects such as vinyl, paper etc.
5) Sharp objects such as needles, pins, metal, glass particles etc.

4. Attachments

- Nozzle : for cleaning wooden floor, the room floor and carpet.
- Crevice Tool : for cleaning any crevice, inside corners or window frames. However, do not use the crevice tool more than 20 minutes because it may cause harm to the motor.
- Dusting brush : for cleaning clothes curtains.

5. Close supervision is necessary when this vacuum cleaner is used by or near children. Children's carelessness may cause damage to the cleaner or injure persons.

6. Air exhausted from the vacuum cleaner is normally warm. But if extraordinarily hot air is exhausted, check if the telescopic tube, hose or clean filter is clogged or not.

7. Electric shock could occur if used outdoors or on wet surfaces.

CAUTIONS

BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE VACUUM CLEANER, DISCONNECT THE ELECTRICAL POWER SUPPLY CORD FROM THE WALL OUTLET.

1. Motor exchange

1) Separate the Body Cover and Body Base by unfastening the screws.
2) After disconnecting the lead wires, replace the old motor with a new one.

2. In case of exchanging other parts. refer to the exploded view.

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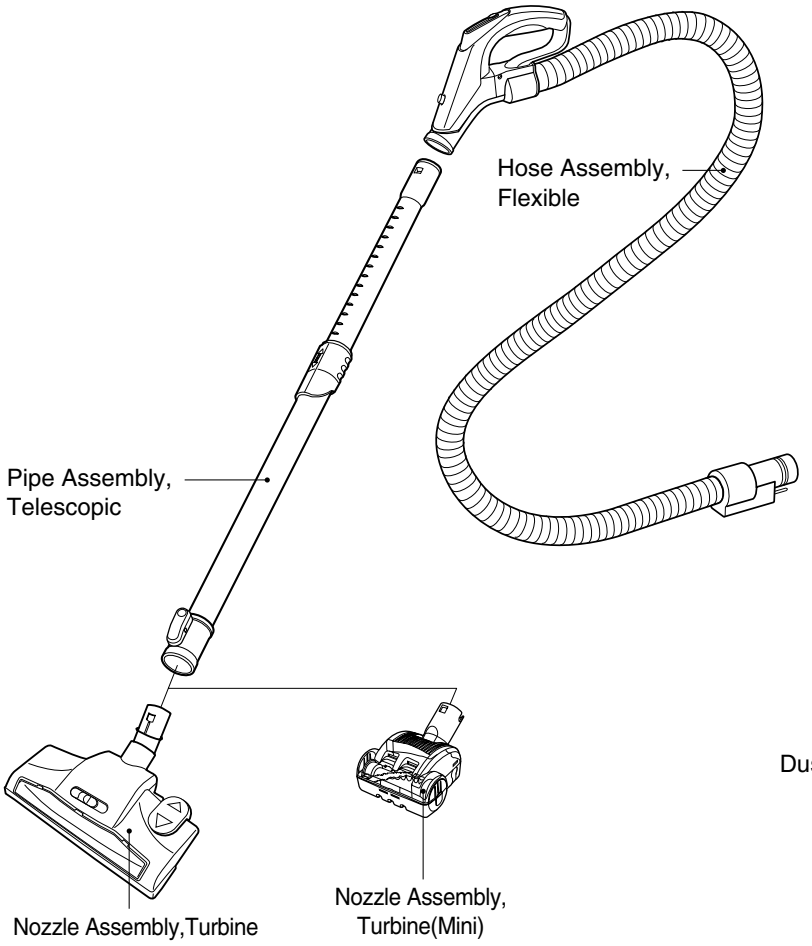
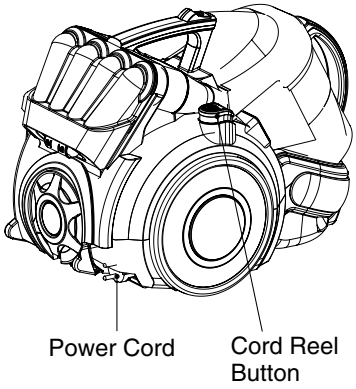
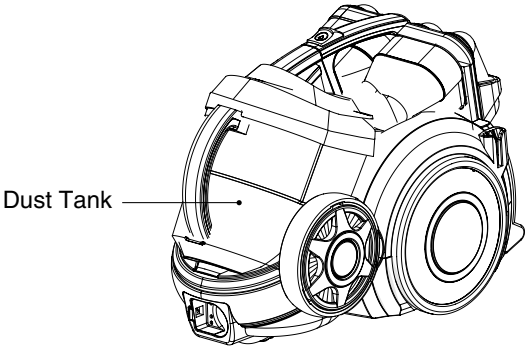
DESCRIPTION

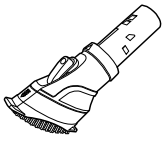




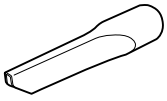


CANISTER

ATTACHMENTS



BRUSH ASSEMBLY, DUST



NOZZLE, CREVICE

SPECIFICATIONS

- **MODEL :** REFER TO THE COVER PAGE
- **POWER SOURCE :** ON RATING PLATE
- **POWER CONSUMPTION :** ON RATING PLATE
- **POWER CONTROL :**
  - **MAIN :** SLIDE KNOB CONTROL (F/HOSE)
- **CORD LENGTH :** 9m
- **HOSE LENGTH :** 1.8 m
- **NET WEIGHT :** 6.4 kg
- **PACKING WEIGHT :** 10.5 kg
- **NET DIMENSION :** 452×294×330 (D×W×H)
- **PACKING DIMENSION :** 605×330×380 (D×W×H)
- **ATTACHMENTS**

HOSE ASSEMBLY,FLEXIBLE	1EA
PIPE ASSEMBLY,TELESCOPIC	1EA
NOZZLE ASSEMBLY,TURBINE	1EA
NOZZLE ASSEMBLY,TURBINE(MINI)	1EA
BRUSH ASSEMBLY, DUST	1EA
NOZZLE,CREVICE	1EA

- This specifications are subject to change according to the buyer's request.

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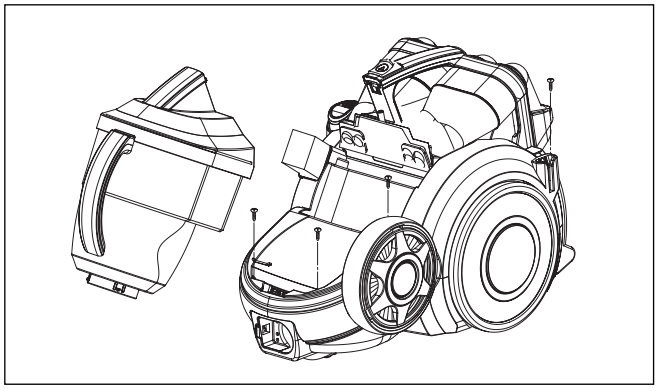
DISASSEMBLY

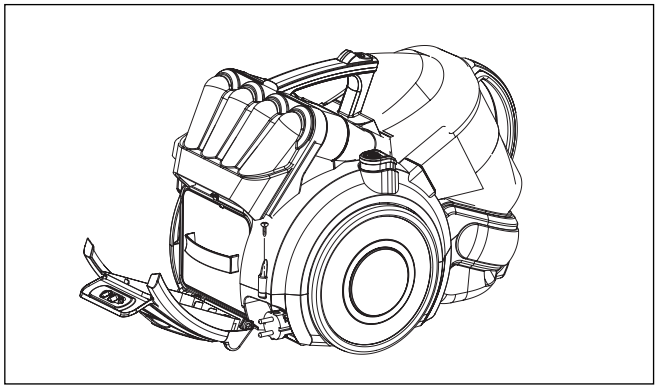
NOTE : Before attempting to service or adjust any part of the vacuum cleaner, disconnect the electrical power supply cord from the wall outlet.

- Almost all of the parts of this vacuum cleaner can be disassembled with a screw driver and each connecting component easily fits each other. Disassemble one by one referring to the exploded view.
- If possible, don't disassemble except for the necessary parts. It is not necessary to disassemble the parts that are not detailed in the exploded view.

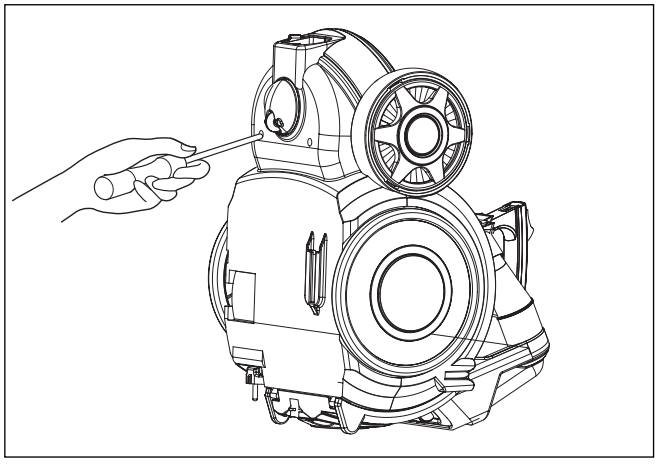
1. Body Cover Assembly Replacement

1) Remove the dust tank from the set.
Remove the five screws fastening the sub cover.

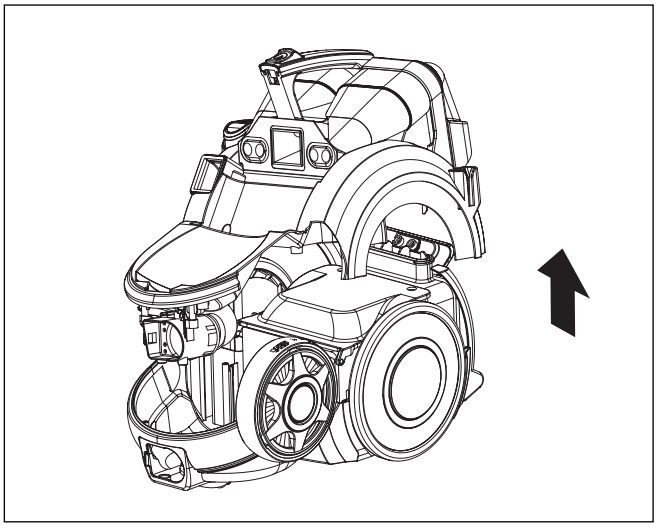




2) Remove the one screws fastening the body base.

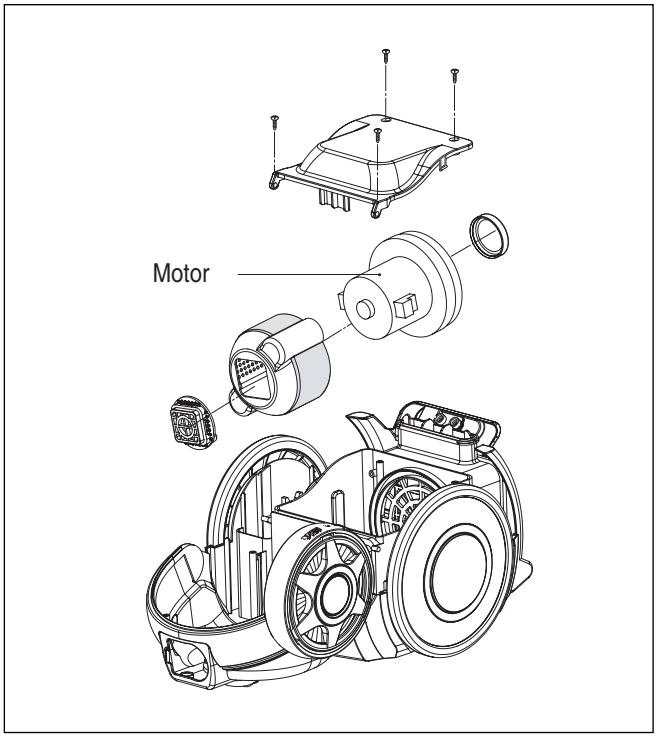


3) Disassemble the body cover, raising the body cover. Pull out the two lead wire housing.



2. Motor Assembly Replacement

1) Remove the four screws fastening the motor cover.
2) Unlock the two hooks.
3) Pull out the motor and disconnect the lead wires from it.



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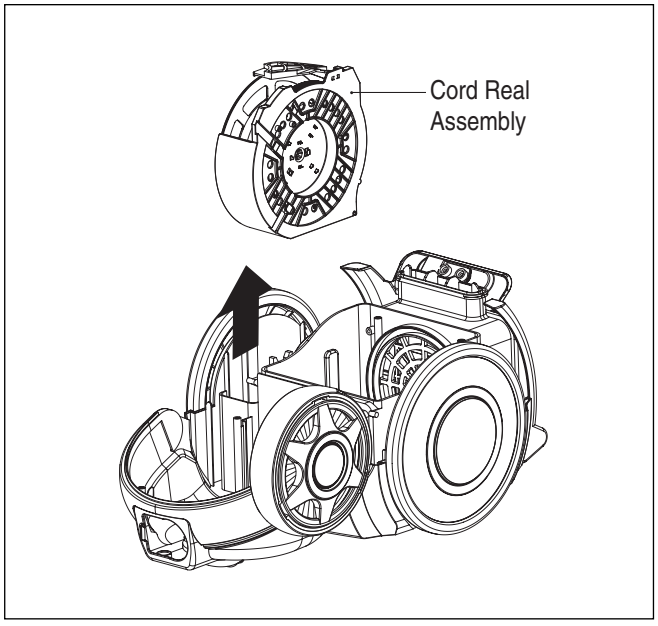
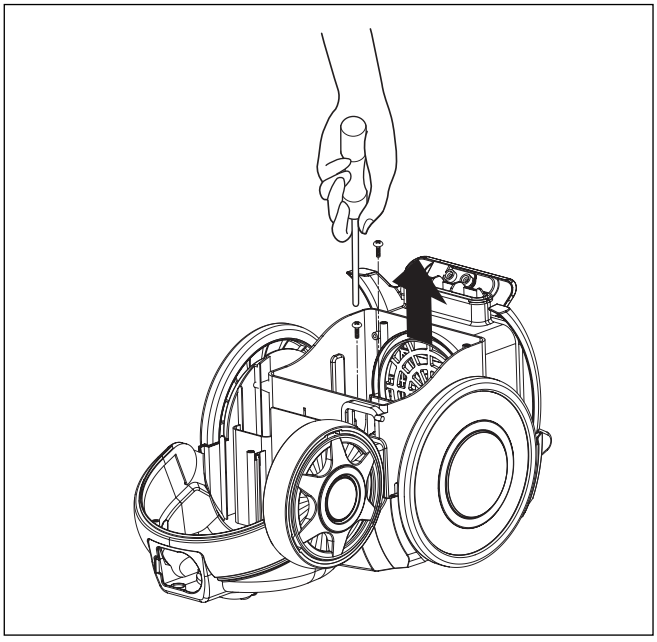
3. Cord Reel Assembly Replacement

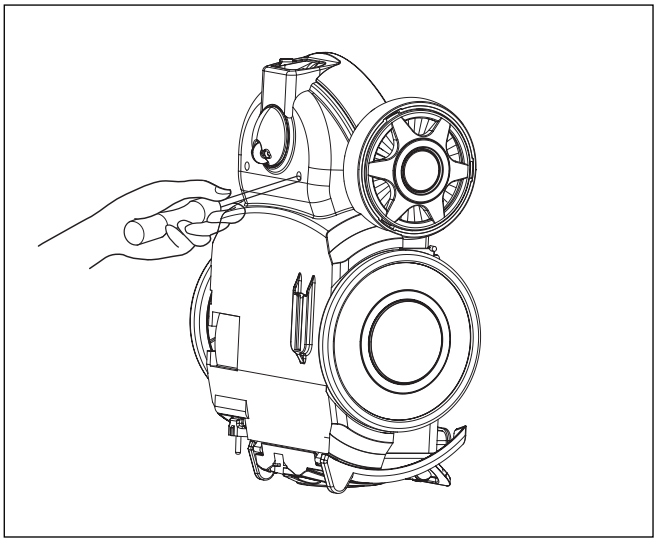
1) Lift the cord reel assembly from body base.



4. Disassembly of Motor Housing.

1) Remove the two screws fastening the body base.
2) Remove the one screw fastening the body base.





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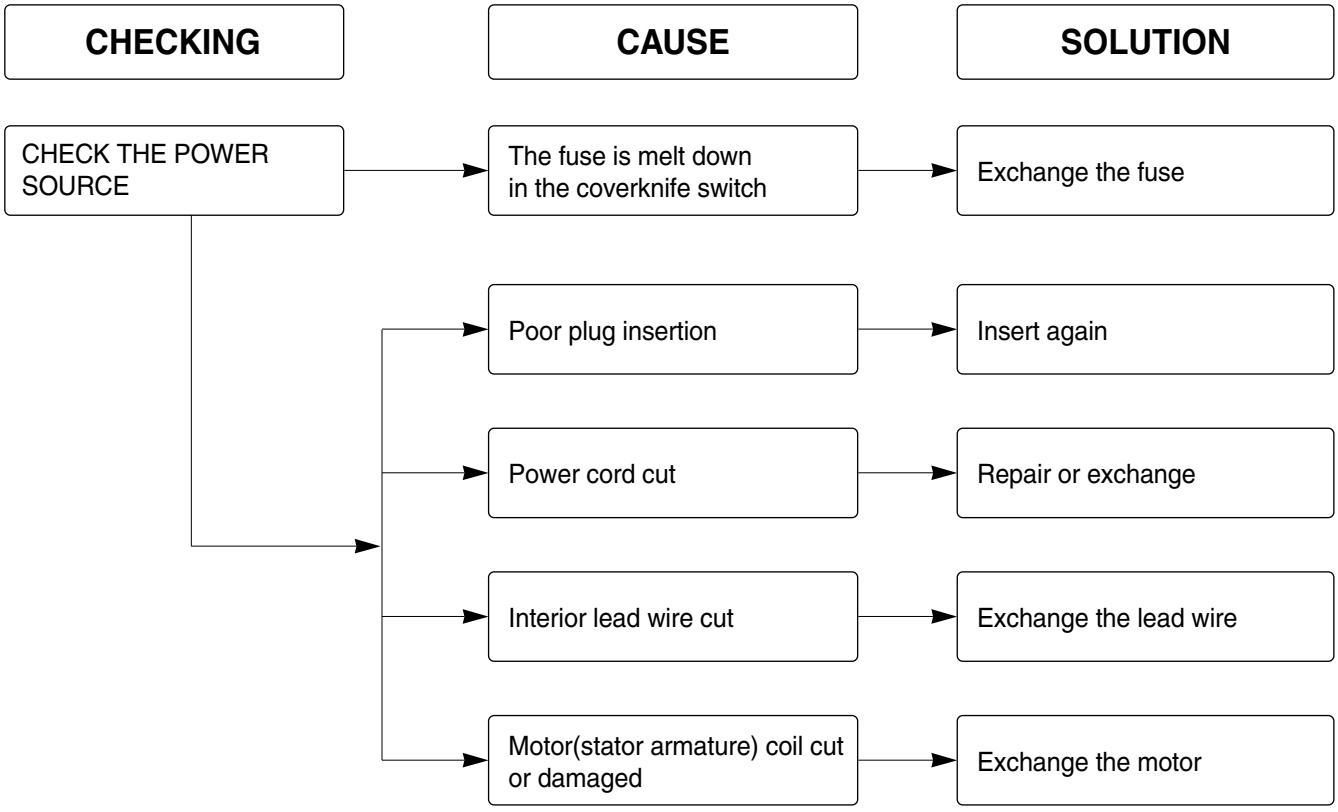
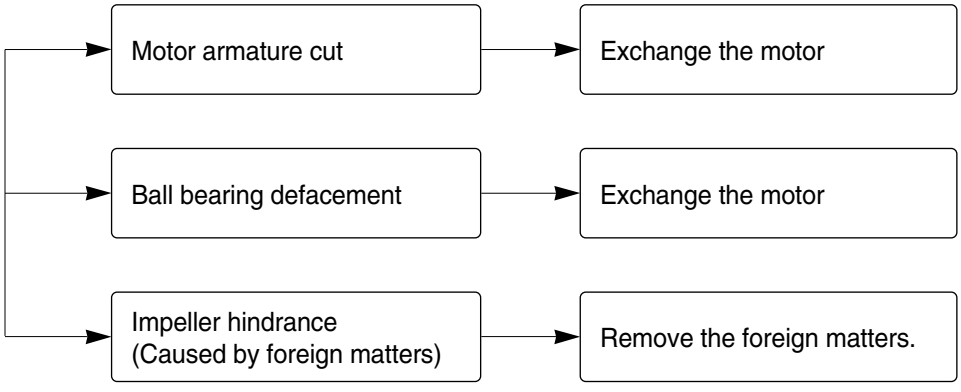
TROUBLE SHOOTING GUIDE

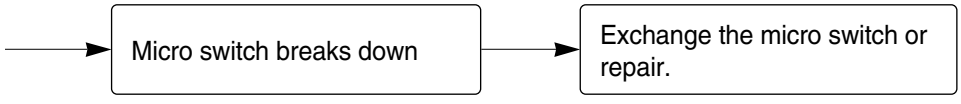
1. SWITCH ON BUT MOTOR DOSE NOT TURN.



2. SWITCH ON, MOTOR DOES NOT TURN BUT BUZZES.



3. SWITCH ON, MOTOR TURNS DOWN WITHIN 2 MINUTES AND BUZZES.



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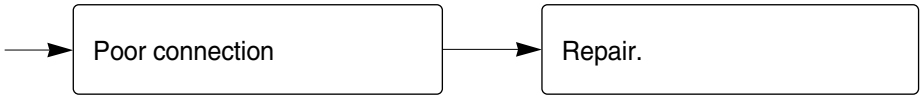
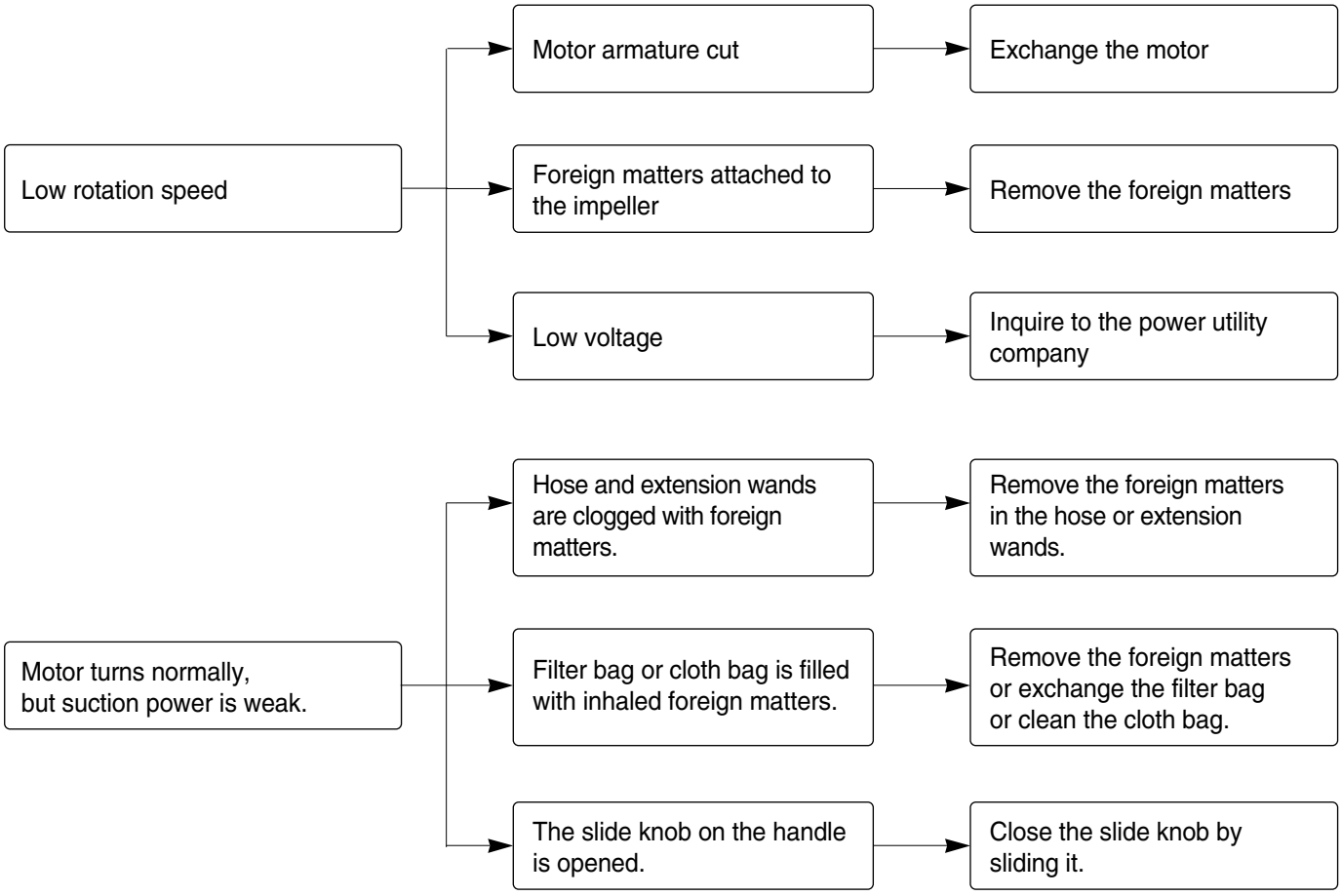
4. SWITCH OFF BUT MOTOR TURNS



5. WEAK SUCTION POWER


Low rotation speed
Motor armature cut
Exchange the motor
Foreign matters attached to the impeller
Remove the foreign matters
Low voltage
Inquire to the power utility company
Motor turns normally, but suction power is weak.
Hose and extension wands are clogged with foreign matters.
Remove the foreign matters in the hose or extension wands.
Filter bag or cloth bag is filled with inhaled foreign matters.
Remove the foreign matters or exchange the filter bag or clean the cloth bag.
The slide knob on the handle is opened.
Close the slide knob by sliding it.

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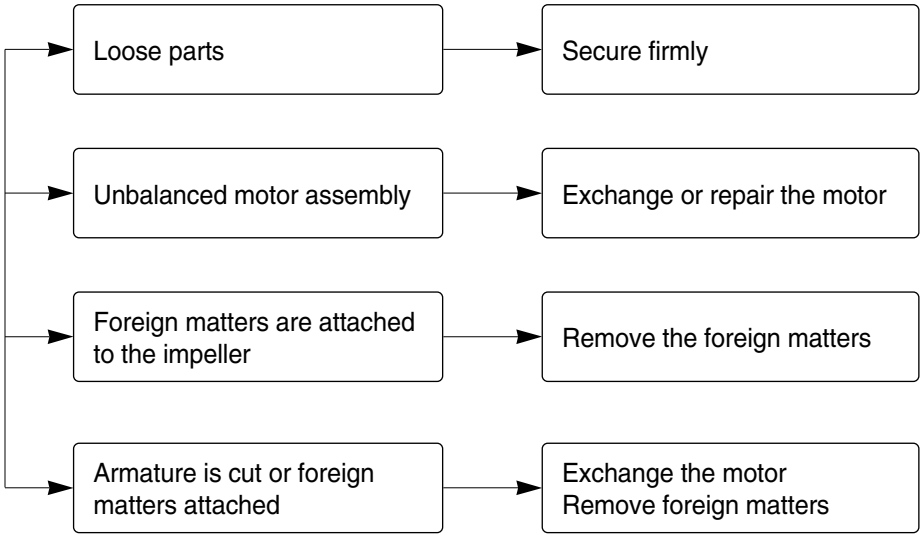
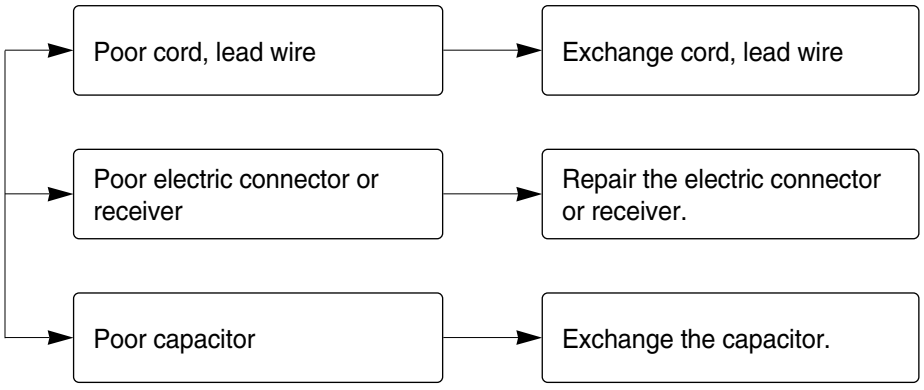
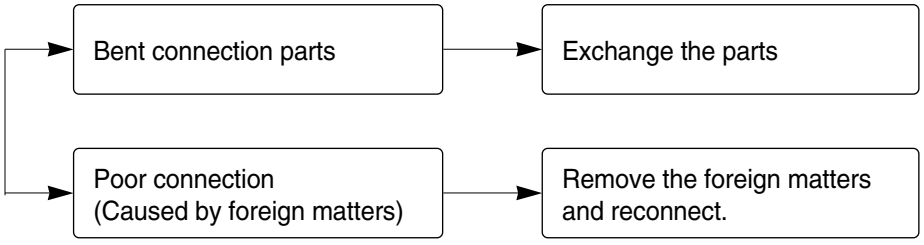
6. VIBRATION NOISES


Loose parts
Secure firmly
Unbalanced motor assembly
Exchange or repair the motor
Foreign matters are attached to the impeller
Remove the foreign matters
Armature is cut or foreign matters attached
Exchange the motor
Remove foreign matters

7. RADIO, TV RECEPTION DISTURBANCE


Poor cord, lead wire
Exchange cord, lead wire
Poor electric connector or receiver
Repair the electric connector or receiver.
Poor capacitor
Exchange the capacitor.

8. IMPROPER TUBE OF NOZZLE CONNECTION



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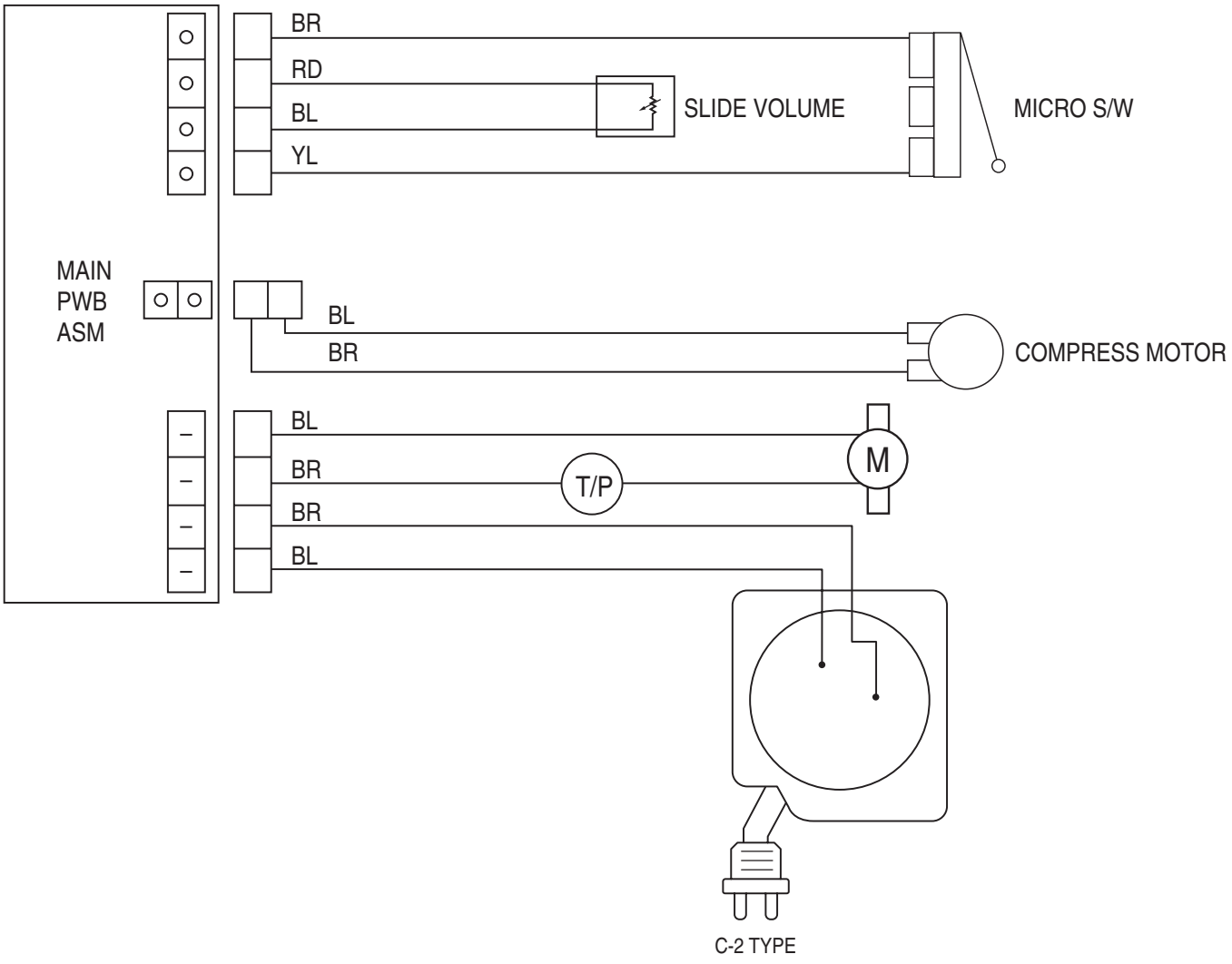
SCHEMATIC DIAGRAM



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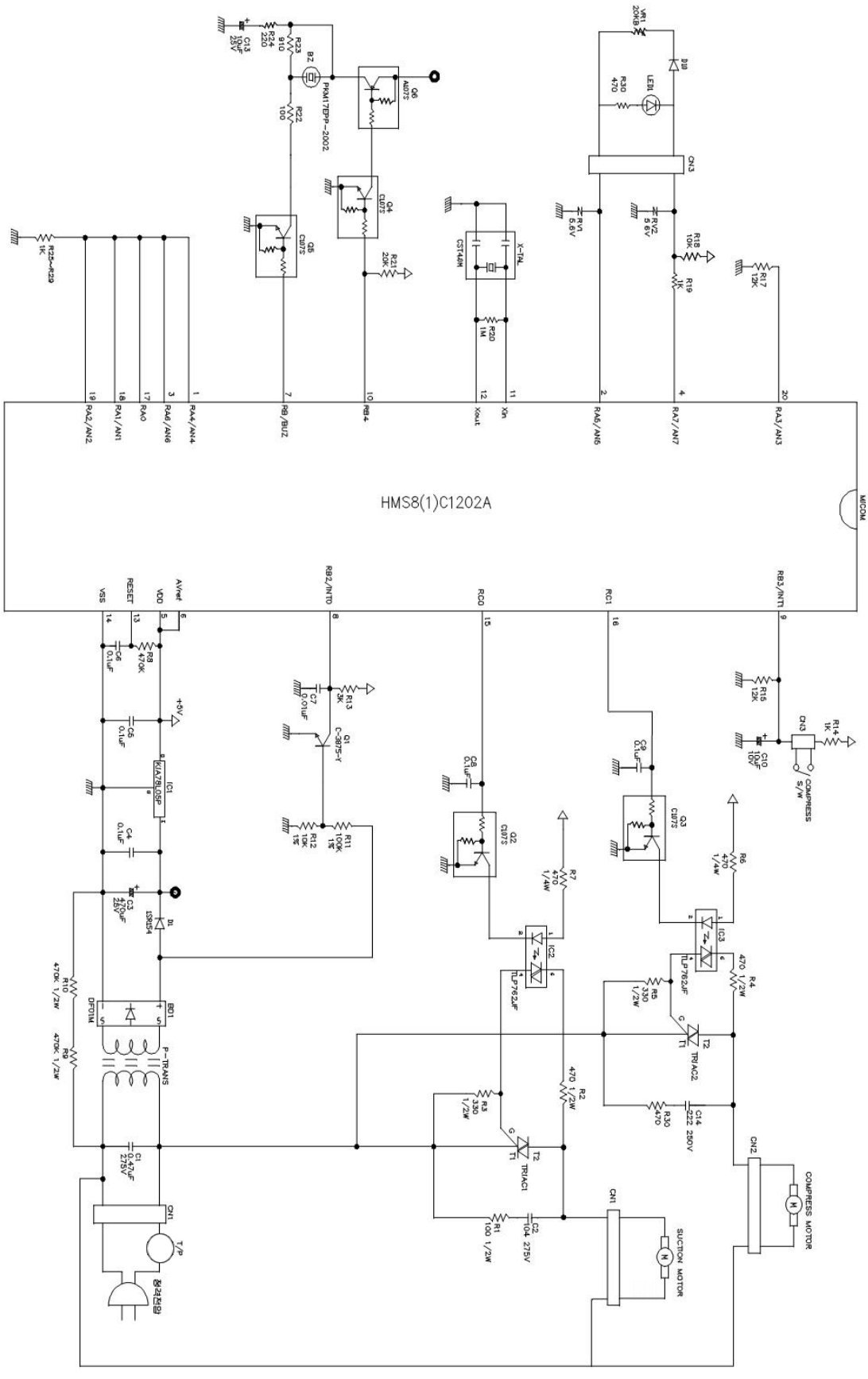
CIRCUIT DIAGRAM



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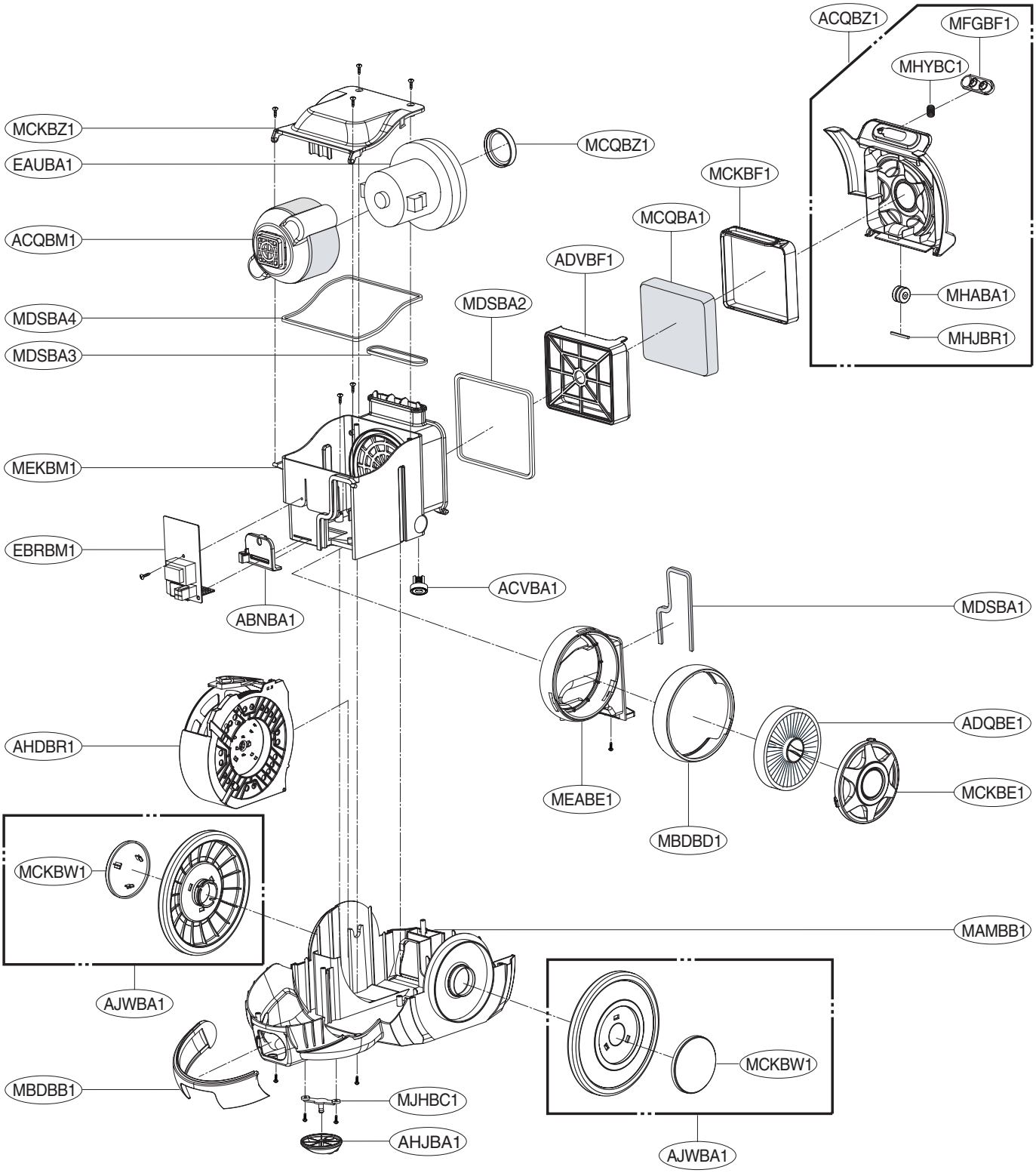
EXPLODED VIEW

BASE ASSEMBLY, BODY

VK8710HFN(V-KC902HTM.AXRQBWT)
VKC902HTW(V-KC902HTM.AMWQLGU)
VKC902HTM(V-KC902HTM.AXRQLGU)
V-KC902HTM(V-KC902HTM.AMWQLGE)
V-K9001HTM(V-KC902HTM.ADTQRUA)
V-KC902HTM(V-KC902HTM.ADTQLGD)
V-KC902HTM(V-KC902HTM.AMWPLMC)
V-KC902HTM(V-KC902HTM.ALSQSAF)
V-KC902HTM(V-KC902HTM.AMWQLGH)
V-KC902HTM(V-KC902HTM.AMWRLAP)
V-KC902HTM(V-KC902HTM.AXRPLAR)
V-KC902HTM(V-KC902HTM.AXRQDAG)
V-KC902HTM(V-KC902HTM.AXRQSBI)
V-KC902HTM(V-KC902HTM.AXRQEAK)
V-KC902HTM(V-KC902HTM.AXRQBNL)
V-KC902HTM(V-KC902HTM.AMWPECC)
V-KC902HTM(V-KC902HTM.AMWPBRL)
V-KC902HTM(V-KC902HTM.AMWPMEC)
V-KC902HTM(V-KC902HTM.AMWQLTK)



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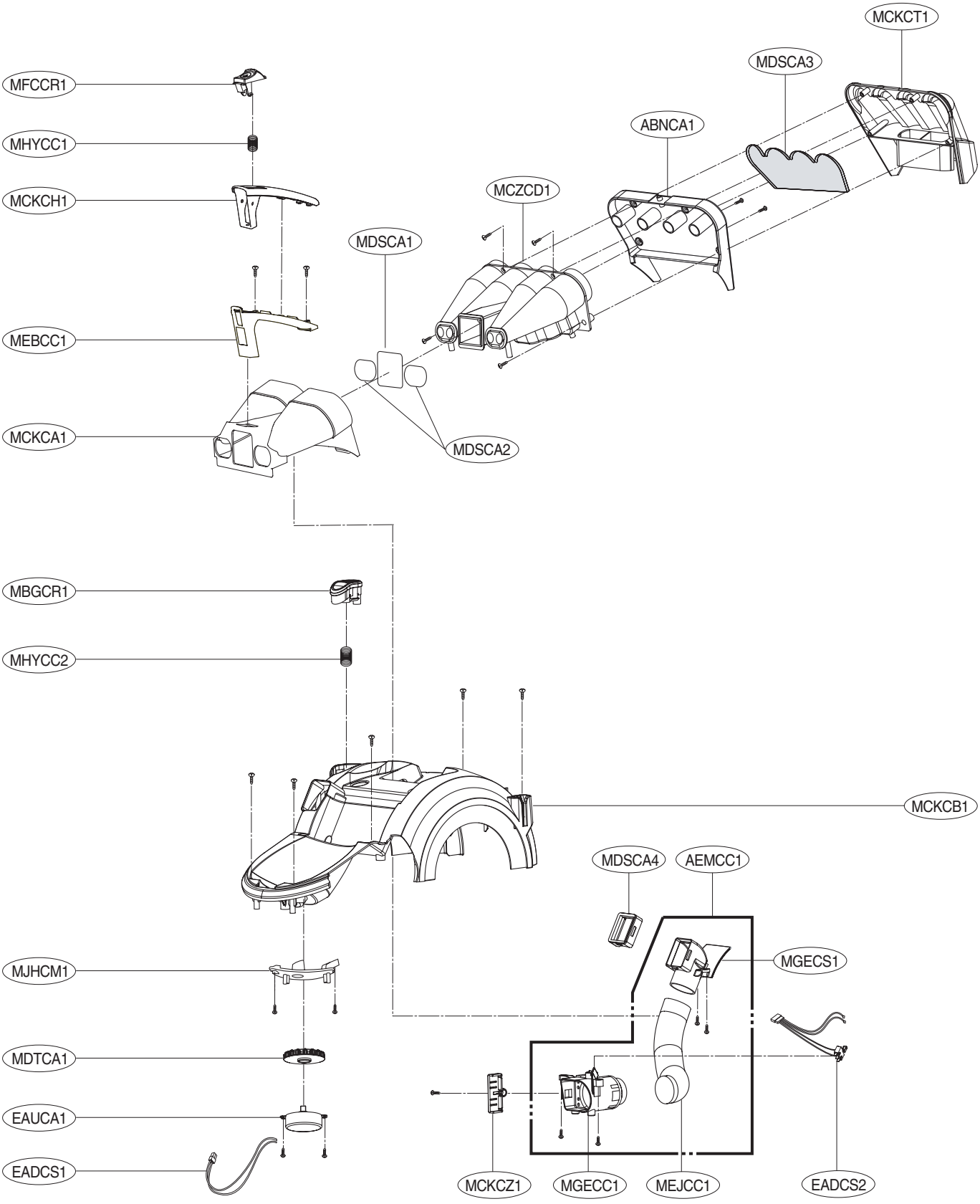
COVER ASSEMBLY, BODY



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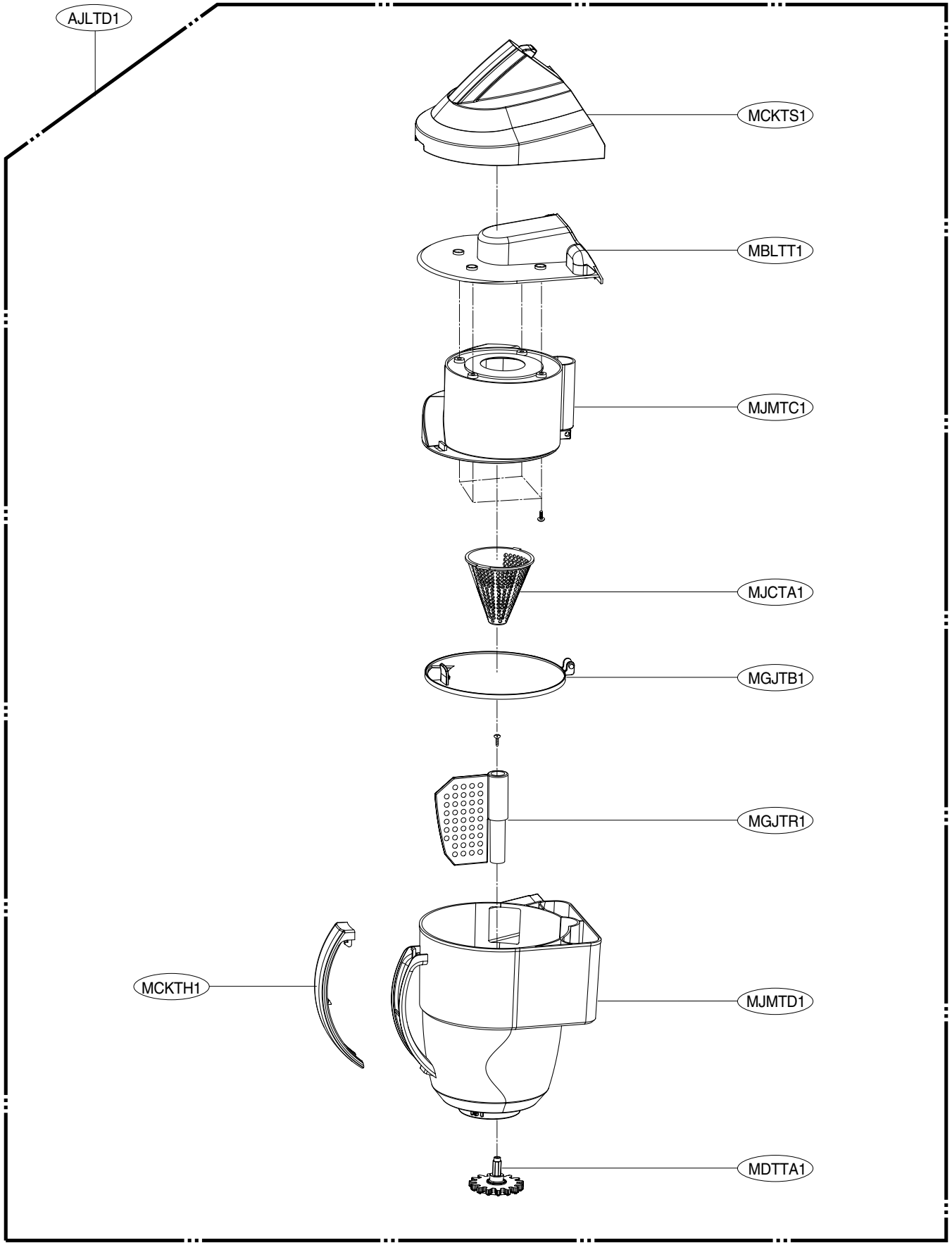
TANK ASSEMBLY, DUST



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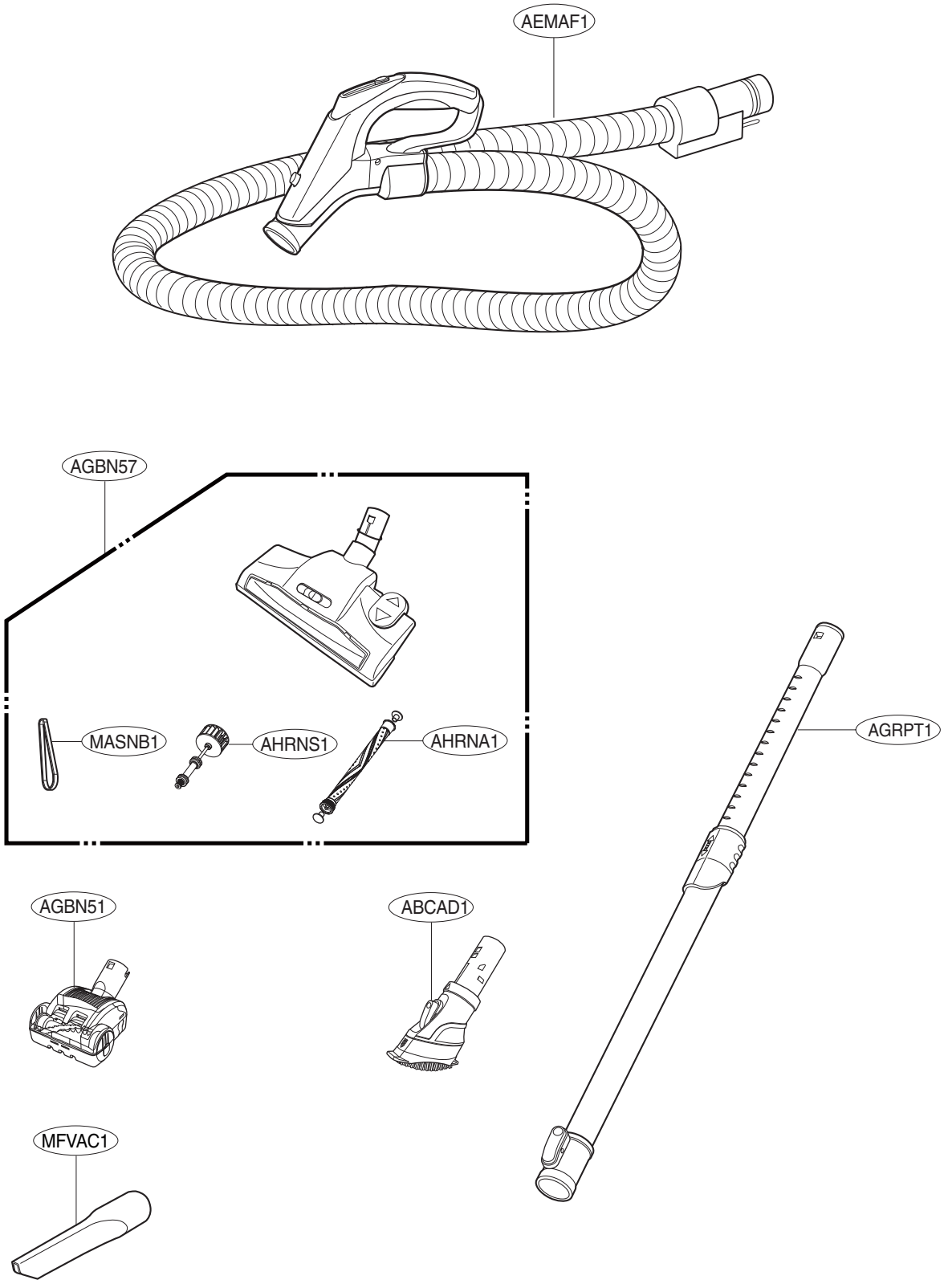
ACCESSORIES



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